# THE UNIVERSITY OF WASHINGTON

**Presents** 

# JOHN DANZ LECTURER

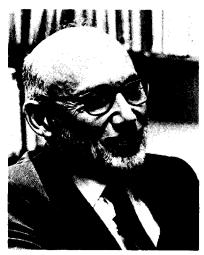
# Dr. Joshua Lederberg

Professor and Chairman Department of Genetics Stanford University

"BUT GIVE ME A PLACE TO STAND ON . . ."\* Lecture Series

KANE HALL
Admission Complimentary

\* ". . . and I will move the Earth" (Archimedes)



Dr. Joshua Lederberg

## "BUT GIVE ME A PLACE TO STAND ON . . ."\*

#### Lecture Series

#### Lecture One

From garden peas and lobar pneumonia to the double helix: how disciplines shape the advance of science
April 10, 1973 8:00 p.m.

#### Lecture Two

Healthier children: the role of genetic research

April 11, 1973

8:00 p.m.

#### Lecture Three

The impact of society on science: the ambiguity of knowledge
April 12, 1973 8:00 p.m.

Dr. Joshua Lederberg is presently Professor and Chairman of the Department of Genetics of Stanford University, where he also is Director of Kennedy Laboratories for Molecular Medicine.

Dr. Lederberg was born May 23, 1925, in Montclair, New Jersey. He earned his bachelor of science degree from Columbia College in 1944 and his doctorate from Yale in 1947. He also holds several honorary doctorates. In 1957, he became a member of the National Academy of Sciences, and, in 1958, at the age of 33, he was awarded the Nobel Prize in medicine for his work in microbial genetics.

He has been a member of many committees and panels, including the President's Panel on Mental Retardation; the President's Science Advisory Committee; study sections of the National Institutes of Health and National Sciences Foundation; NASA committees, Lunar and Planetary Missions Board; National Mental Health Advisory Council; and Arms Control and Disarmament Agency.

<sup>\* &</sup>quot;... and I will move the Earth" (Archimedes)

Dr. Lederberg is known for his wide interests, which range over the broad fields of genetics, chemistry, evolution, and the biology of space exploration. Much of his research has been devoted to birth defects, concentrating on genetic defects that cause mongolism and cystic fibrosis, as well as the defective genes that result from German measles. He has the ability to integrate data from a variety of fields into new and meaningful insights, and he has been much interested in the applications of technology, now involving himself with computers and their application to biology and medicine.

Pre-eminent in his field for his concerns regarding the social and ethical problems raised by the "new biology," Dr. Lederberg for many years wrote a column, "Science and Man," for the Washington Post and has published widely on various aspects of "genetic engineering."

Dr. Lederberg is deeply interested in the interaction between science and society. As a rational humanist, he is searching for new modes of utilizing modern science and technology for a better and healthier life in a free society.

### THE JOHN DANZ LECTURESHIPS

In October, 1961, Mr. John Danz, veteran motion picture theater owner and philanthropist of the Pacific Northwest, and his wife, Jessie Danz, made a major gift to the University of Washington. The gift is called the John Danz Fund and is of enduring benefit to the University and the state of Washington.

The John Danz Fund is used to bring to the University and to the state of Washington each year "... distinguished scholars of national and international reputation who have concerned themselves with the impact of science and philosophy on man's perception of a rational universe."

The terms of the gift also provide the Board of Regents with wide discretion in the use of the income for purposes that will strengthen and advance the academic program of the University.

John Danz Lecturers and Visiting Professors are nominated by the John Danz Committee and appointed by the Board of Regents of the University. The names of previous lecturers and the titles of their lectures are as follows:

# JOHN DANZ LECTURERS AND VISITING PROFESSORS

Sir Julian Huxley The Human Crisis

Dr. Richard Feynman
A Scientist Looks at Society

Sir Fred Hoyle
Of Men and Galaxies

Dr. George Boas The Challenge of Science

Dr. Francis Crick
Of Men and Molecules

Dr. Isidor Rabi Science and Humanity

Dr. Loren C. Eiseley Man: The Last Magician

Dr. Philip Morrison Two Apples: The Affirmation of a Physicist

Sir Rudolf E. Peierls Views from the Other Side

Dr. R. Buckminster Fuller Humans in Universe

Dr. Hans A. Bethe Science, Technology, and the Quality of Life

Sir Isaiah Berlin The Assault on the French Enlightenment

lan L. McHarg Man and Environment

Dr. John A. R. Blacking How Musical Is Man?

Jacquetta Hawkes Nothing But or Something More (The Proper Study of Mankind)

Dr. Conrad H. Waddington Research and Education in Fundamental Biology Relevant to Human Welfare

Dr. Sripati Chandrasekhar World Population Problems. An Indian View

Sir Kenneth Clark Civilisation—Film Series

Dr. Gregory Vlastos Plato's Universe

Dr. Allen Newell Man on His Artificial Nature

Dr. Athelstan Spilhaus
The Universe—Down to Earth

Several of these lectures have been published in book form by the University of Washington Press.